EPA I.D. No. _____

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
1		30.009	- Certification Statement	____	____	_____	_____
1	30.807		- Appropriate Signature	____	____	_____	_____
1	(Chapter 21D)		- Statement that facility is not expanding to > 25,000 gal. storage capacity	____	____	_____	_____
1	(Chapter 21D)		- Statement that facility is not expanding to > 10,000 gal/wk or 500,000 gal./yr. treatment capacity	____	____	_____	_____
1	(Chapter 111, Section 150B) Part A		- Statement regarding site assignment	____	____	_____	_____
			- Updated Part A	____	____	_____	_____
	30.804		- Statement that facility is new or existing	____	____	_____	_____
	30.804		- Statement that application is first or revised	____	____	_____	_____
✓ 4			- SIC Codes 270.13(c)	____	____	_____	_____
	30.803(4)		- Description of activities requiring permit	____	____	_____	_____
			- General description of facility	____	____	_____	_____
			- Complete description of activities, including processes, structures, equipment	____	____	_____	_____
✓ 4			- Facility latitude and longitude 270.13(b)	____	____	_____	_____
	30.804(4)(b)		- Scale drawing	____	____	_____	_____

HAZARDOUS WASTE MANAGEMENT FACILITY

Completeness Checklist

Facility name Commercial Disposal Co

Facility address 115 Wayside Ave.
West Springfield

EPA identification number MAD002791515

Type of facility Commercial facility (off-site) - storage in tanks & containers

Facility contact Larry Stone

Date application received Oct 2, 1984

Date checklist completed

Permit review team Mary Jane O'Donnell

1 = more stringent
2 = broader in scope
3 = Unclassifiable.
4 = Fed. req only

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Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.803, 30.804		License Application Requirements				
	30.804		- Statement that facility is new or existing	____	____	p 12-3	
	30.804		- Statement that application is first or revised	____	____	not located	
4	(not requested because DEQE sites are not located)		- SIC Codes	____	____		not provided on Part A.
	30.803(4)		- Description of activities requiring permit	____	____		
			- General description of facility	____	____		
			- Complete description of activities, including processes, structures, equipment	____	____		
	30.803(1)		- Facility: Name	✓	____		
			- Mailing address	✓	____		Part A - Appendix A.
			- Location	✓	____		"
4			- Latitude and longitude	✓	____		"
4			- Scale drawing (existing facility only)	____	____		
			- Sufficient detail	____	____		
4	This should be 30.804 (4)(a) →		- Topographic map (This is Commented on in map section)	____	____	12-2	- missing - geology x (p. 12-7 discuss) - location of residences west of facility
			- Sufficient detail	____	____		
4			- Other map	____	____	not included	- does not show landscaping
			- Sufficient detail	____	____		
4	(photos not expressly referenced by DEQE reg)		- Photographs (existing facilities only)	____	____	NONE	
			- Sufficient detail	____	____		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2	30.804(2)		- Names and qualifications of key management personnel			Table 8.2.1 and 8.2.2	
	30.803(3)		- Owner: Name			Table 1.1	
			- Address			Part A	- should this be home address? (This is on the cover page)
			- Telephone				
	30.803(2)		- Operator: Name			Table 1.1	
			- Address			Part A.	The Part A suggests that Gabon is the owner and operator of this facility. Is this correct. This conflicts with Table 2.1. Is this correct?
			- Telephone				
	30.803(2) and (3)		- Identification of facility ownership status and status as private, public, or other entity			Part A	private ownership
4			- Statement that facility is or is not on Indian lands			Part A	
	30.803(5)		- Listing and current status of all permits and construction approvals received/applied for			Part A	what is Part II? Is this the listing and current status of all required permits or construction approvals?
2	30.803(6)		- Detailed description of applicant's qualifications and experience in managing/operating facility			Table 8.2.1 and 8.2.2	
2	30.803(7)		- Financial information 83 82 81			App B.	
			- Profit and loss statements (liability and stockholders equity) ✓ ✓ ✓			"	
			- Balance sheets ✓ ✓ ✓			"	
			- Other information (Statement of Income & Statement of change) ✓ ✓ ✓			"	
			- Source of capital (new businesses)			N/A.	
2	30.803(9)		- Identification of officers, directors, partners, and persons holding greater than 5% equity in or liability of applicant			It is not clear if Table 2.1 ~~8.2.1 and 8.2.2~~ responds to this question	
			- Names				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.803(9)		- Addresses	___	___		see above comment
2	30.803(10)		- Identification of persons in field of hazardous waste management in which applicant or officer, director, or partner of applicant holds equity interest	___	___		does not address
			- Names	___	___		"
			- Addresses	___	___		
2	30.803(11) and (12)		- Identification of past or pending civil or criminal enforcement actions and civil suits	___	___	P1-7 and App C	How should recent NOV issued by DEQE western be addressed? It is not clear if applicant responded to (11) & (12)
2	30.804(17)		- Copy of the lease, if site or building is leased	___	___	Not located	
		what is the reg. site for this	- List of hazardous wastes and annual amounts to be handled	___	___		
	30.804		Facility License Application General Information Requirements				
	30.804(5)	30.513(1)	- Chemical and physical analysis of hazardous wastes to be handled	___	___	Table 5-1	
	30.804(6)	30.502(1)(a)	- Waste analysis plan				
		30.513(2)	- Analysis parameters with rationale	✓	___		see notes on
			- Test methods for analyzing parameters	✓	___		waste analysis plan
			- Procedure for collecting representative samples	✓	___		
			- Frequency of analyses	✓	___		
		30.513(2)(a)5, 30.560(4)	- Waste analysis procedures for ignitable, reactive, incompatible wastes	✓	___		
		30.513(2)(b)	- Procedures for receiving wastes from off-site	✓	___		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(6)	30.513(2)(b)	- Procedures to determine identity of each waste movement				
			- Procedures for collecting representative samples				
			- List and description of waste analyses to be generator-supplied				
2		30.658(6)	- Additional requirements for determining land treatment unit concentrations of			N/A	
			- Annual rate limiting constituent			N/A	
			- Single application limiting constituent			N/A	
			- Soil capacity limiting constituent			N/A	
			- Constituents which are within 25% of limit constituents concentration level			N/A	
	30.804(7)	30.502(1)(b)	- Security Plan				
		30.514(1)	- Security procedures waiver justification			N/A	
			- Unknowing/unauthorized contact with waste not harmful			N/A	
			- Unknowing/unauthorized disturbance of waste or equipment cannot cause violation of 30.500 or 30.600			N/A	
		30.514(2)(b)2	- Description of 24-hour surveillance system			p6-2-64	- By who and how long is the television monitor in operation? What is its field of vision
		30.514(2)(b)3	- Barrier and means to control entry			"	
1			- Description of eight-foot high barrier			"	- p6-2 seems to imply that a fence surrounds the active portion. What is the location and how high is this fence?
			- Description of controlled entry/egress procedures			"	- When would the gate be locked?
		30.514(2)(b)1	- Description of warning signs			"	

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
3	30.804(7)	30.514(2)(b)1	- Legend on signs			6-2-64	
			- Statement of 25-foot legibility			"	
			- Description of sign locations and numbers of signs			"	
2		30.612(10)	- Specific security requirements for surface impoundments			N/A	
			- Barrier surrounding impoundment			N/A	
			- Warning sign posted on or near barrier with legend legible from 25 feet specifying			N/A	
			- "Hazardous Waste"			N/A	
			- Contents of impoundment			N/A	
			- Hazards			N/A	
	30.804(8)	30.502(1)(c), 30.515	- General Inspection Plan and Procedures Description				
		30.515(2)(a)	- Written schedule	✓		Table 7.1	
			- Statement as to where, at facility, inspection schedule and inspection records will be kept.				
			- Identification of equipment/processes to be inspected	✓		Table 7.1	
		30.515(2)(b)	- Identification of types of problems each equipment/process to be checked for	✓		Table 7.1	
		30.515(2)(c)	- Frequency of inspections by equipment/process	✓		Table 7.1	
		30.515(1)(b)	- Schedule of remedial action	✓		Log I1-3 & p 7.4	Talk to Carry Pokes

It is not clear how this can be applied for regulations

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(8)	30.515(2)(c), 30.686	- Specific Inspection Requirements for Containers	✓		Table 7-1	
			- Weekly inspections of containers, storage area, and containment system				
	30.804(8)	30.515(2)(c), 30.696	- Specific Inspection Requirements for Tanks	✓			
			- Daily inspection requirements				
			- Overfilling control equipment	✓		Log I-3 p 7.6 and Table 7.1	
			- Data gathered from monitoring equipment		N/A		
			- Level of waste in uncovered tanks		N/A		
			- Weekly inspection requirements				
			- Above-ground portions of tank construction materials	✓		Log I-3 p 7.6-7.7	
			- Area surrounding tank	✓		"	
			- Periodic comprehensive assessment	✓			
			- Schedule	✓		Log I-3 p 7.6-7.8	
2		30.696, 30.693(4)	- Procedure for assessment, including tests for leakage of existing underground tanks without secondary containment and monitoring		N/A		
			- Procedures for emptying a tank for entry and inspection	✓		p 7-6-7-7.	p. 4-7 states that any sludges and/or sediments will be fully removed, tested and either processed or disposed of as appropriate. - what criteria will be used to ensure proper disposal?
	30.804(8), 30.804(18)(d)	30.515(2)(c), 30.614	- Specific Inspection Requirements for Surface Impoundments			N/A	
			- Description of procedures for			"	
			- Inspection of liners/covers during and immediately after installation			"	
			- Inspections weekly and after storms for			"	

p 7-11 states that samples of container area accumulation will be taken and analyzed. MDSS. Criteria for listing h.w. should be used. It is not clear what criteria is used to ensure proper disposal.

p. 7.6 identifies a Fig 7.1 This figure could not be located.

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(8), 30.804(18)(d)	30.515(2)(c), 30.614	- Operation of freeboard controls			N/A	
			- Decrease in impoundment liquid level			"	
			- Presence of liquid in leak detection system			"	
			- Integrity of dikes/containment devices			"	
2	30.804(18)(e)	30.614(2)	- Statement from qualified engineer that liner system will be certified after installation			"	
	30.804(18)(f)	30.614(4) and (5)	- Statement from qualified engineer that structural integrity of dikes will be certified upon construction completion			"	
			- Qualified engineer's certification of dike integrity for				
			- Stress			"	
			- Piping/scouring			"	
	30.804(8), 30.804(20)(f)	30.515(2)(c), 30.644	- Specific Inspection Requirements for Waste Piles ,			"	
			- Description of procedures for			"	
			- Inspection of liners/covers during and immediately after installation			"	
			- Inspections weekly and after storms for			"	
			- Operation of run-on/run-off controls			"	
			- Liquids in leak detection system			"	
			- Proper functioning of wind dispersal controls			"	
			- Leachate in and proper operation of leachate collection/removal system			"	

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(20)(e)	30.643	- Schedule and procedure for inspection of liners			N/A	
			- Removal of pile				
			- Liner inspection				
			- Notification of Department				
			- Repair or replacement of liner				
			- Certification				
	30.804(8), 30.804(21)(c)5	30.515(2)(c), 30.654(10)	- Specific Inspection Requirements for Land Treatment Units				
			- Description of procedures for inspections weekly and after storms for				
			- Operation of run-on/run-off controls				
			- Function of wind dispersal controls				
	30.804(8), 30.804(19)(d)	30.515(2)(c), 30.624	- Specific Inspection Requirements for Landfills				
			- Description of procedures for				
			- Inspection of liners/covers during and immediately after installation				
			- Inspections weekly and after storms for				
			- Operation of run-on/run-off controls				
			- Liquids in leak detection system				
			- Proper functioning of wind dispersal controls				
			- Leachate in and proper operation of leachate collection/removal system				
			- Certification of liner inspection by professional engineer				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(10)	30.524	- Preparedness and Prevention Documentation				
		30.524(2)	- Waiver(s) request and justification		N/A		
		30.524(2)(a)	- Description of internal communications/ alarm system(s)			9-11 fig 10.1 9-8	
		30.524(4)	- Documentation of personnel access to internal communication/alarm system(s)			9-11	
1		30.524(2)(b)	- Description of external communications/ alarm system(s), including acceptability to outside agencies			9-8	
		30.524(4)	- Documentation of personnel access to external communication/alarm system(s)			9-8	
		30.524(2)(c)	- Description of fire control/extinguishing, spill control, and decontamination equipment			p 9-9 sprinkler system needs to be addressed (decontamination equipment not identified) 10-22	(see if this discussed in contingency plan - No, it isn't)
	30.804(10)	30.524(2)(d)	- Documentation of adequate water volume and pressure for above equipment			9-10	Does not discuss what are water requirements under worst case conditions?
		30.524(3)	- Documentation of equipment testing/maintenance schedule and procedures			p 7-9; 7-10	
		30.524(5), 30.685(4)	- Documentation of adequate aisle space			p 9-11	No documentation of the adequacy of the aisle space is discussed
	30.804(10)	30.502(1)(c)	- Contingency Plan Documentation				
		30.521(1) through (3)	- Criteria for implementation of contingency plan			p 10-5	
		30.521(5) and (6)	- Documentation and descriptions of arrangements or attempts at arrangements with				Not provided future arrangements are addressed p. 9-11
			- Police department(s)				
			- Fire department(s)				
			- Hospitals				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
3		30.521(5) and (6)	- Local boards of health				not provided
			- Local emergency response teams				"
			- State emergency response teams				"
			- Emergency response contractors				"
			- Equipment suppliers				"
		30.521(5)(b)	- Documentation of agreements designating primary emergency authority				"
	30.804(1)	30.521(8)	- Emergency Coordinators Identification			10-4	
			- Names			"	
			- Addresses			"	
	30.804(10)	30.521(8)	- Home/Work Phones			"	
			- Designation of primary and alternate coordinators			10-4	
		30.521(7)	- Documentation of qualifications			8-2	not provided] This should be in contingency plan.
			- Documentation of authority			8-2	"
			- Description of notification procedure			sec. 10.4	"
		30.521(9)	- Emergency equipment list			10-22	
			- Documentation of equipment location			"	
			- Physical description of equipment			"	
			- Statement of equipment capabilities			"	- what are capabilities of HCN detectors chemical suits, sump pump
		30.521(10)	- Preventive Procedures, Structures, and Equipment Documentation, including descriptions of equipment/procedures to				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.521(10)	- Prevent uncontrolled reaction of incompatible wastes			Sects. 9.3.1 9.3.2 & 9.3.3	these items should be included in the contingency plan.
			- Prevent hazards during unloading operations			9.2.1	
			- Prevent run-off and flooding			9.2.2	
1			- Prevent hazards from releases to air, soil, surface water, or ground water				- This is implied in Section 9.2 but not explicitly stated.
			- Mitigate equipment failure and power outages			9.2.4	p. 9-15. Does CD own a portable generator?
			- Prevent undue personnel exposure to wastes			9.2.5	
		30.521(11)	- Evacuation Plan				
			- Criteria for implementation			10-7	
			- Description of signal(s) to implement				
			- Description of primary and alternate routes				no alternate evacuation route designated.
		30.502(5), 30.522	- Contingency plan copy location				
			- Description of location of facility's copy of plan			p10-27	
			- Number of duplicate copies distributed and their location				no distribution given
		30.502(2), 30.502(4), 30.521(8), 30.523	- Contingency plan amendment				
			- Identification of person responsible and authorized to change/amend plan			p 10-27	
			- Description of procedure to change/ amend facility copy of plan			p 10-27	It is not clear if
			- Description of procedure to insure update of all copies of plan			p10-27	30.502(2) and (4) are complied with.

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items (a)-(f) should be clearly identified on checklist

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.524(6)	- Detailed emergency procedures	___	___		
			- Procedure for facility personnel notification	___	___	p 10.7	
			- Procedure for state/local agency notification	___	___	p.10.10	Who are the hospital and ambulance identified?
			- Procedure for identification of character, source, amount, and areal extent of released materials	___	___	p 10.10	-References an App. A but not included.
1			- Procedure for assessment of hazards to the environment and human health, safety, or welfare	___	___	p 10-14 p 10.10	Procedure not identified
			- Identification of On-Scene Coordinator for geographic area	___	___	p 10.15	notifies the national Response center instead. This is adequate
			- Description of specific responses and control procedures for	___	___		
			- Fire	___	___	p10-10 p10-12	sequence of events does not seem logical.
			- Explosion	___	___		
			- Soil	___	___	p 10-16	not addressed.
			- Description of process shutdown and monitoring procedures	___	___	p.10-16	- monitoring procedures not addressed. (continued)
			- Description of clean-up procedures and associated material treating, storing, disposal procedures	___	___	p 10-18	
			- Description of emergency equipment cleaning and refitting procedures	___	___		not provided (elsewhere in app)
			- Description of procedures to insure incompatible waste segregation during clean-up	___	___		not provided

① It is not clear what p.10-12 (¶2) means since p 10-11 identifies a fire brigade

② p 10-15 identifies the Conn. Dep to be notified in the event of a spill. why is this?

CD has not satisfied 30.524(d) ; 30.524(e)

30.524(f) should be 7 days not 15 days. Only DEQE should be notified

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(10)	30.693(5), 30.696(4)	- Specific Contingency Plan Requirements for Tanks				
	U/G tanks only		- Notification of leaking (existing underground tanks)		N/A		
			- Procedure for responding to spills or leakage				
	include note comment.		- Procedures and timing for removal of waste				not provided (may be included elsewhere in application)
			- Procedures for repairing or replacing tank				
	30.804(10), 30.804(18)(h)	30.615	- Specific Contingency Plan Requirements for Surface Impoundments			N/A	
1			- Procedure for stopping waste addition to impoundment, including discontinuing processes that generate the waste			"	
			- Procedure for containing leakage			"	
			- Procedure for stopping leakage			"	
			- Procedure to prevent catastrophic failure			"	
			- Procedure for emptying impoundment			"	
2			- Description of repair techniques to be used to repair impoundment without removing it from service			"	
			- Procedure for recertifying and reactivating impoundment			"	
			- Procedure for closing impoundment			"	

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	[Note: There are no Section 30.804 requirements which parallel Sections 30.530, 30.540, and 30.825. However, the applicant should be familiar with the following sections of the regulations since the requirements in them will be enforceable under any permit received: Sections 30.531 - 30.534 (manifest system) Sections 30.541 - 30.545 (Record keeping & reporting) Sections 30.825(2) - (5) - Additional conditions of facility license The applicant should be prepared to respond to inquiries by the permit application reviewers regarding these requirements.]						
30.825(4) Is this something it is not clear you?		30.560	- Prevention of Accidental Ignition or Reaction Documentation	✓			
			- Description of separation and protection of ignitable, reactive, incompatible wastes			p9-16 9-20	
			- Description of ignitable, reactive, incompatible wastes handling procedures			p9-16 9-20	
			- Description of number, location, and type of warning/prohibition signs			p 9-21	
			- Documentation that procedures are adequate to prevent accidental ignitions or reactions			p9-16-9-21	Discuss with DEQE adequacy
	30.804(24)(c)	30.688	- Specific Ignitable/Reactive/Incompatible Waste Requirements for Containers				
			- Sketches, drawings, or data demonstrating compliance with				- yes ok 15m = 49.2' - complies with 50 feet but not 15 m (not clear)
			- Buffer zone requirement			p9-19	
2		30.685(3)	- NFPA aisle spacing guidelines			not provided	Does facility meet NFPA -30 Chap 4 effective Oct 15, 83
			- Description of procedures to prevent				
			- Placing incompatibles in same container				It is not clear how this
			- Placing incompatibles in an unwashed container				will be prevented during spill clean-up
			- Sketches, drawings, or data showing segregation of containers of incompatible waste by dike, berm, wall, or other device			fig 1	does not show size of berms. (address in comment on 2° cont

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(25)(a)	30.697	- Specific Ignitable/Reactive/Incompatible Waste Requirements for Tanks				
?	Are CD tanks considered VG.		- Procedures that render waste nonreactive or nonignitable		✓		
			- Procedures for preventing reactions			p 9-20	
			- Procedures for protecting waste		✓		
			- "Emergency use only" documentation		✓		
1			- Documentation of compliance with buffer zone and location requirements for covered tanks			p9-22	It is not clear if this is the proper code.
			- Procedures for segregating incompatible wastes or complying with 30.560(3)			p9-16-9-20	
			- Procedures to insure that incompatible wastes are not placed in unwashed tanks unless 30.560(3) is complied with		✓		
	30.804(18)(i) and (j)	30.616	- Specific Ignitable/Reactive/Incompatible/ Acutely Hazardous Waste Requirements for Surface Impoundments			N/A	
			- Procedures that render waste nonreactive or nonignitable				
			- Procedures for preventing reactions				
1			- Procedures for removing ignitable/reactive waste from impoundment				
			- Procedures for protecting wastes				
			- "Emergency use only" documentation				
			- Incompatible waste segregation or protection procedures				
2			- Documentation that no acutely hazardous waste will be placed in impoundment				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(20)(i)	30.646	- Specific Ignitable/Reactive/Acutely Hazardous/ Other Waste Requirements for Waste Piles			N/A	
			- Procedures that render waste nonreactive or nonignitable				
			- Procedures for preventing reactions				
4			- Procedures for protecting wastes				
2			- Documentation that acutely hazardous waste or waste in the form of dust, powder, or friable material will not be placed in waste pile				
	30.804(20)(j)	30.647	- Specific Incompatible Waste Requirements for Waste Piles				
			- Incompatible waste segregation or protection procedures				
			- Separating incompatibles by dike, berm, wall or other device				
			- Procedure for decontaminating base				
	30.804(22)(b), 30.804(21)(d) and (e)	30.657	- Specific Ignitable/Reactive/Acutely Hazardous/ Incompatible Waste Requirements for Land Treatment Facilities				
			- Documentation that application to soil renders waste nonreactive/nonignitable and prevents reactions				
4			- Procedures for protecting wastes				
			- Procedures which insure that incompatible wastes are not applied to same treatment zone				
2			- Documentation that acutely hazardous waste will not be treated or disposed				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(19)(f) and (1)	30.628	- Specific Ignitable/Reactive/Incompatible Waste Requirements for Landfills			N/A	
4, 1			- Procedures that render wastes nonreactive and nonignitable				
4, 1			- Procedures for preventing reactions				
4, 1			- Procedures for protecting wastes				
1			- Documentation that ignitable/reactive wastes will not be disposed of in landfills				
2	30.804(19)(f) and (1)	30.628	- Procedures for insuring that incompatible wastes will not be disposed of in same landfill cell and for preventing reactions				
4, 1			- Procedures for identifying contents and insuring proper landfilling of incoming labpacks				
1		30.630(5)	- Documentation that labpacks will not be disposed of in landfill				
	30.804(11)		- Traffic Documentation				
			- Identification of				
			- Waste movement routes	✓		fig 12-1	Is it correct to assume ALL traffics enters & exits thru town way
			- Number of movements by type vehicle			p 12-1	
			- Quantity of waste moved per movement per vehicle			not provided	
			- Traffic control signals and personnel			p 12-2	Not clear. Ask in NOD
			- Route surface composition and load bearing capacity.			p 12-2	- Not clear what AASHTO H20 loading means? - loading bearing capacity for town way is estimated. Is this OK - yes

(*) EI just discusses HW traffic. Should non-HW traffic be discussed (ie type and volume)

According to Larry Polese non-hw traffic should not be discussed.

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	Mass cite (?)		- Facility Location Documentation	____	____	p 12-3	
4			- Political jurisdiction identified (new facilities only)	____	____	____	
4			- Comparison to Appendix VI of Part 264	____	____	____	
4			- Demonstration that faults with displacement in Holocene time are more than 3,000 feet from facility	____	____	____	
4			- Demonstration that no faults pass within 200 feet of sites where treatment/storage/disposal to be conducted	____	____	____	
	30.804(15)	30.701(1), (5) and (6)	- Documentation of facility location relative to 100-year and 500-year flood plain boundaries	____	____	p 12-4, 12-5 fig 12-2	
		30.701(1)(a)	- NFIP flood profile data, or	____	____	____	
2	Is CD a new or existing facility? Discuss with State. If it's a new facility then 100 year flood info must be submitted. Should all flood info be based on NFIP	30.701(1)(b)	- Engineering calculations based upon U.S. Soil Conservation Service standard methodologies, or	____	____	____	
			- Engineering calculations based upon other methodologies	____	____	____	
2		30.701(2), (3) and (5)	- Description of floodproofing showing	____	____	____	
			- How floodproofing will prevent floodwaters from contact with container, tank, other unit, or	____	____	____	
			- How container, tank, other unit will withstand hydrostatic, dynamic, and buoyant forces of the flood	____	____	____	
1		30.701(7)(a) and (b)	- Waiver for existing surface impoundments	____	____	N/A	
			- Demonstration that waste is only corrosive	____	____	____	

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.701(7)(a) and (b)	- Demonstration of no adverse affect on public health and environment from washout considering		✓	N/A	
			- Volume of waste		✓		
			- Physical/chemical properties of waste		✓		
			- Impact of pH change		✓		
			- Established water quality standards		✓		
		30.701(7)	- Description of existing surface impoundment or waste pile floodproofing to withstand washout		✓		
2	30.804(19)(k)8, 30.804(21)(i), 30.804(22)(b)	30.702	- Documentation of facility location relative to watershed of class A or class SA segment of surface water body (new landfill, land treatment unit, surface impoundment, waste pile, underground tank)				Discuss with state if tanks at CDC are underground.
2		30.702(2)	- Demonstration of no feasible alternative to storage/treatment in underground tank located in watershed of class A/SA surface water body				see Above comment.
2	30.804(19)(k)8, 30.804(21)(i), 30.804(22)(b)	30.703(1) and (2)	- Documentation of facility location relative to actual, planned, or potential public underground drinking water source (new landfill, land treatment unit, waste pile, surface impoundment, underground tank)				see Above comment.
2		30.703(1)	- Demonstration of no feasible alternative to storage/treatment in underground tank located on land overlying actual, planned or potential underground drinking water source				see Above Comment.
2	30.804(19)(k)8, 30.804(21)(i), 30.804(22)(b)	30.703(3) and (4)	- Documentation of facility location relative to flow path of groundwater supplying actual, planned or potential public water system well (landfill, land treatment unit)		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2	30.804(19)(k)8, 30.804(21)(i), 30.804(22)(b)	30.703(5)	- Demonstration of ownership of water rights within specified area (landfill, land treatment unit)		✓		
2	30.804(19)(k)8, 30.804(21)(i), 30.804(22)(b)	30.703(6)	- Demonstration that aquifer cannot serve as public drinking water source				see above comment on underground tank
2	30.804(19)(k)8	30.704(1)(a)	- Documentation of new landfill location relative to flow path of groundwater supplying existing private drinking water well, or		✓		
	30.804(19)(k)8	30.704(1)(b)	- Demonstration that landfill owner/operator will		✓		
			- Provide alternate drinking water		✓		
			- Purchase affected water rights		✓		
2	30.804(19)(k)8	30.704(2)	- Documentation of landfill location relative to flow path of groundwater supplying potential private underground drinking water source, or		✓		
			- Demonstration of ownership of water rights in specified area, or		✓		
		30.704(4)	- Demonstration that groundwater source cannot serve as drinking water source		✓		
2		30.704(3)	- Documentation of location of new surface impoundment, land treatment unit, or waste pile relative to existing private drinking water well		✓		
2		30.705(1) and (2)	- Data/information relative to				Is this State Does 30.705(1) apply to new landfills only (see 30.804(19)(k)(8))
			- Waste-associated transportation risks				
			- Adequacy of buffer zones between facility and public access areas				- 30.705(2) seems to suggest that it apply to all facilities

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.705(1) and (2)	- Local population density	___	___	_____	see above Comment.
			- Proximity of schools, hospitals, nursing homes, day care centers	___	___	_____	_____
			- Proposed evacuation methods	___	___	_____	_____
2		30.705(6)	- Documentation of facility location relative to wetlands (landfills, land treatment units, surface impoundments, waste piles)	___	✓	_____	_____
2		30.705	- Buffer zone documentation	___	✓	_____	_____
		30.705(3)	- Two hundred feet between active portion of new landfill, surface impoundment, land treatment unit, or waste pile and facility property line	___	✓	_____	_____
		30.705(4)(a)	- Three hundred feet between new ignitable or reactive waste storage/ treatment active portions and facility property line	___	___	_____	Applies only to new facilities
		30.705(4)(a)1 through (a)6	- Justification for smaller buffer zone than 300 feet for ignitable or reactive waste treatment/storage, considering	___	___	_____	Applies only to new facilities
			- Volumes, properties, degrees of hazard of waste	___	___	_____	_____
			- Treatment/storage method	___	___	_____	_____
			- Site topography	___	___	_____	_____
			- Atmospheric conditions	___	___	_____	_____
			- Proximity to receptors	___	___	_____	_____
			- Types of receptors	___	___	_____	_____
			- Facility design/operating procedures	___	___	_____	_____

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.705(5), 30.705(4)(a)1 through (a)6	- Evaluation of existing/proposed buffer zones for ignitable or reactive waste treatment/storage, considering				
			- Volumes, properties, degrees of hazard of waste	✓			double check section
			- Treatment/storage method	✓			
			- Site topography	✓			
			- Atmospheric conditions	✓			wind rose
			- Proximity to receptors			not provided	
			- Types of receptors			not provided	
			- Facility design/operating procedures				double s
	30.804(9)	30.502(1)(d), 30.516	- Personnel Training Program Documentation			section 8.0	
	30.803(8)		- Outline of introductory and continuing personnel training programs*			section 8.0	- Table 8.2.1 references 2 courses (also approved) These courses are what did they cover.
			- Identification and qualifications of program instructor				
			- Job titles/job descriptions			Table 8.2.1	
			- Brief description of how training program meets actual job tasks*				(see reverse side for comments
			- Description of procedures to insure all appropriate personnel receive appropriate training and receive annual training review				
			- Description of records to be kept, their location, and procedures to insure they are retained for proper length of time				

→ requires that employees have a basic knowledge of all waste being handled. CD needs to evaluate by how this is being done

(no, this is being done.

*This documentation on Personnel Training must be included in the application. The remaining four items may be included at the applicant's direction.

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(12)	30.502(1)(f), 30.583(1)	- Closure Plan Documentation				
			- Description of partial and final closure procedures			p 13-7 p 13-9	
			- Description of maximum unclosed portion during facility life		N/A		
			- Estimate of maximum waste inventory in storage/treatment during facility life			p13-5 13-8	Is it correct to assume that the [illegible] is the maximum
	30.804(12)	30.583(1)(c), 30.585	- Equipment decontamination procedure			p13-7 p13-9	
			- Estimated year of closure			p 13-11 p 13-12	
		30.583(1)(d), 30.584	- Description of closure schedule including			p 13-11 p 13-12	schedule should [illegible] 30.583(2)
			- Total time to close			"	
			- Trackable intervening closure activities			"	
2		30.583(1)(e)	- Description of testing and monitoring procedures				p13-9 [illegible] consider [illegible] from waste oil tank decontamination [illegible]? What should they be tested for
			- Location(s) and number of copies of closure plan			p 13-18	
			- Identification of person responsible for storage and updating of facility copy of closure plan			p13-18	
			- Procedure for updating all other copies of closure plan			p13-18	
	30.804(12)	30.583, 30.689	- Specific Closure Plan Requirements for Containers				
			- Description of how all hazardous waste and hazardous waste residues will be removed from the containment system			p 13-9	
			- Procedures for removing or decontaminating remaining contaminated containers, liners, bases, and soil			p 13-9	

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(12)	30.583, 30.698	- Specific Closure Plan Requirements for Tanks	___	___	p 13-7	
			- Description of how all hazardous waste and hazardous waste residues will be removed from tanks and associated equipment and structures	___	___	p 13-7	
	30.804(12)	30.583, 30.698	- Procedures for decontaminating or removing tanks, discharge control equipment, discharge confinement structures, and soil	___	___	p 13-7	
	30.804(12), 30.804(18)(k)	30.583, 30.617(1) and (2)(a)	- Specific Closure Plan Requirements for Surface Impoundments	___	✓		
			- Description of how all waste residues and contaminated structures, equipment, and subsoils will be removed or decontaminated (new and existing impoundments)	___	✓		
2			- Justification demonstrating impracticability of removing all waste residues and contaminated materials (existing impoundments)	___	✓		
			- Type and volumes of waste in the impoundment	___	✓		
			- Safety hazards	___	✓		
			- Contamination of surrounding soil and groundwater	___	✓		
			- Procedures for removing wastes, residues, and contaminated materials to the extent practicable (existing impoundments)	___	✓		
	30.804(18)(1)	30.617(2)(b) and (3)	- Detailed plans and engineering reports describing	___	✓		
			- Elimination of free liquids	___	✓		
			- Stabilization of remaining wastes	___	✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(18)(1)	30.617(2)(b) and (3)	- Design of final cover demonstrating	____	✓	____	____
			- Liquid migration minimization	____	✓	____	____
			- Function with minimum maintenance	____	✓	____	____
			- Drainage promotion	____	✓	____	____
			- Erosion/abrasion minimization	____	✓	____	____
			- Settling/subsidence accommodation	____	✓	____	____
			- Permeability less than liner or subsoils	____	✓	____	____
		30.617(5)	- Contingent closure plan (existing impoundments)	____	✓	____	____
			- Procedures for removing wastes, residues, and contaminated materials to the extent practicable	____	✓	____	____
			- Detailed plans and engineering reports describing	____	✓	____	____
			- Elimination of free liquids	____	✓	____	____
			- Stabilization of remaining wastes	____	✓	____	____
			- Design of final cover	____	✓	____	____
			- Liquid migration minimization	____	✓	____	____
			- Function with minimum maintenance	____	✓	____	____
			- Drainage promotion	____	✓	____	____
			- Erosion/abrasion minimization	____	✓	____	____
			- Settling/subsidence accommodation	____	✓	____	____
			- Permeability less than liner or subsoils	____	✓	____	____

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(12), 30.804(20)(k)	30.583	- Specific Closure Plan Requirements for Waste Piles		✓		
		30.649(1)	- Procedure for removal and/or decontamination of all wastes and materials/equipment associated with the waste pile		✓		
		30.649(2)	- Procedure for closing in conformance with landfill closing requirements		✓		
	30.804(12), 30.804(22)(c)	30.583	- Specific Closure Plan Requirements for Land Treatment Facilities		✓		
		30.659(1)	- Procedures to maximize degradation of waste in treatment zone		✓		
			- Procedures to minimize waste run-off		✓		
			- Run-off system maintenance procedures		✓		
			- Wind dispersal control procedures		✓		
1			- Procedures for compliance with food chain crop prohibitions		✓		
			- Procedures for unsaturated zone monitoring		✓		
			- Description of vegetative cover		✓		
			- Procedures for establishing vegetative cover		✓		
	30.804(12), 30.804(19)(i)	30.583, 30.633	- Specific Closure Plan Requirements for Landfills		✓		
			- Detailed plans and an engineering report which describes the final cover components in detail		✓		
			- Documentation that the final cover will		✓		
			- Provide long-term minimization of migration of liquids through closed landfill		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(12), 30.804(19)(i)	30.583, 30.633	- Function with minimum maintenance		✓		
			- Promote drainage and minimize erosion/ abrasion		✓		
			- Settle/subside without losing integrity		✓		
			- Be less permeable than bottom liners or subsoils		✓		
	30.804(13)	30.502(1)(g), 30.592, 30.593	- Post-Closure Plan Documentation		✓		
			- Description of groundwater monitoring activities and frequencies		✓		
2			- Description of air monitoring activities and frequencies		✓		
			- Description of maintenance activities and frequencies for		✓		
			- Final containment structures		✓		
			- Facility monitoring equipment		✓		
			- Location(s) and number of copies of post-closure plan		✓		
			- Identification and location (address and phone number) of person responsible for storage and updating facility copy of post-closure plan prior to closure		✓		
			- Identification and location (address and phone number) of person responsible for storage and updating facility copy of post-closure plan during post-closure period		✓		
2			- Identification of person responsible for implementing and maintaining post-closure activities		✓		
			- Procedure for updating all other copies of post-closure plan		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(13), 30.804(18)(1)	30.593, 30.617(4)	- Specific Post-Closure Plan Requirements for Surface Impoundments	____	✓	____	____
			- Procedures for maintenance and repair of final cover	____	✓	____	____
			- Procedures for maintenance and monitoring of leak detection system	____	✓	____	____
			- Procedures to be undertaken if liquid is found in leak detection system	____	✓	____	____
			- Procedures for maintenance and monitoring of groundwater monitoring system	____	✓	____	____
			- Procedures for compliance with 30.660	____	✓	____	____
			- Procedures for preventing run-on/run-off final cover damage	____	✓	____	____
	30.804(13)	30.593, 30.649(2) and (3)(b)	- Specific Post-Closure Plan Requirements for Waste Piles	____	✓	____	____
			- Procedures for post-closure care that meets the requirements for landfills	____	✓	____	____
	30.804(13), 30.804(22)(c)	30.593, 30.659(3)	- Specific Post-Closure Plan Requirements for Land Treatment Facilities	____	✓	____	____
			- Procedures to maximize degradation of wastes in treatment zone	____	✓	____	____
			- Procedure for maintaining vegetative cover	____	✓	____	____
			- Procedure for maintaining run-on controls	____	✓	____	____
			- Procedure for maintaining run-off controls	____	✓	____	____
			- Procedures for wind dispersal control	____	✓	____	____
			- Procedures to insure compliance with food chain crop prohibitions	____	✓	____	____
			- Procedures for unsaturated zone monitoring	____	✓	____	____

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(13), 30.804(19)(i)	30.593, 30.633(2)	- Specific Post-Closure Plan Requirements for Landfills		✓		
			- Procedures for maintenance and repair of final cover		✓		
			- Monitoring and maintenance procedures for leak detection system		✓		
			- Procedure for leachate collection/removal system operation		✓		
			- Procedures to maintain and monitor groundwater monitoring system		✓		
			- Procedures for compliance with 30.660		✓		
			- Procedures for preventing final cap erosion due to run-on and run-off		✓		
2			- Procedures to maintain access roads		✓		
2			- Procedures to maintain gas collection/control systems		✓		
			- Procedures for protection and maintenance of benchmarks		✓		
		30.633(3)	- Procedures to be undertaken if liquid is found in leak detection system		✓		
	*	30.594	- Documentation of Notice on Deed (existing facilities only)		✓		
			- Statement that land used to manage wastes		✓		
			- Statement of restricted use per 30.592(5)		✓		
		30.595	- Documentation of type, location, and quantity of wastes filed with local Board of Health and the Department		✓		

*The Massachusetts license application requirements do not require documentation of placement of the notice in the deed from existing facilities.

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(16)	30.903	- Closure Cost Estimate				
2			- Cost of removing maximum inventory of each type of waste potentially to be stored or treated at facility			p13-14-16	
2			- Cost of disposing of wastes which have economic value		N/A		
1			- Certification by qualified professional engineer				should be certified by an independent [illegible] P.E. [illegible] independent? Is a [illegible] [illegible] PE OK.
	30.804(16)	30.904, 30.907	- Documentation of a financial assurance mechanism for closure			not provided	
		30.909(1)	- Closure trust fund				
		30.909(1) and (2)	- Surety bond guaranteeing payment				
		30.909(1) and (3)	- Surety bond guaranteeing performance				
		30.909(1) and (4)	- Closure letter of credit				
		30.909(5)	- Closure insurance				
4, 1			- Financial test and corporate guarantee				
	30.804(16)	30.904, 30.907	- Multiple financial mechanism for one facility				
			- Single financial mechanism for multiple facilities				
	30.804(16)	30.905	- Post-Closure Cost Estimate		✓		
1			- Certification by qualified professional engineer		✓		
	30.804(16)	30.906, 30.907	- Documentation of a financial assurance mechanism for post-closure		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.909(1)	- Closure trust fund		✓		
		30.909(1) and (2)	- Surety bond guaranteeing payment		✓		
		30.909(1) and (3)	- Surety bond guaranteeing performance		✓		
		30.909(1) and (4)	- Post-closure letter of credit		✓		
		30.909(5)	- Post-closure insurance		✓		
4, 1			- Financial test and corporate guarantee		✓		
		30.906, 30.907	- Multiple financial mechanism for one facility		✓		
			- Single financial mechanism for multiple facilities		✓		
	30.804(16)	30.908	- Documentation of Insurance				not provided
4, 1			- Request for variance from insurance				
		30.909(6) and (7)	- Insurance for sudden/accidental occurrences				
			- Insurance for non-sudden/accidental occurrences				Reserve with state if this is needed.
4, 1			- Financial test for liability coverage				
4			- Documentation of a State Required Financial Mechanism for Closure, Post-Closure, or Liability including				not provided
			- EPA I.D. number				
			- Facility name				
			- Facility address				
			- Amounts of liability coverage or funds assured				

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
4			- Documentation of State Assumed Responsibility for Closure, Post-Closure, or Liability including				not provided
			- Letter from State describing State's responsibilities				
			- Facility EPA I.D. number				
			- Facility name				
			- Facility address				
			- Amounts of liability coverage or funds assured				
3	30.804(3)		- U.S.G.S. Topographic Map Showing Site Location			-	Although CD has provided a topo map a USGS map showing site location needs to be provided
	30.804(4)(a) and (14)		- Topographic map				
			- Scale: 1" = 200'	✓		Fig 12.2	scale 1" = 100
			- Coverage: 1000 feet around facility				not provided for area west of facility.
			- Contours sufficient to show pattern of water flow	✓		Fig 12.2	
4			- Proper contour intervals	✓		Fig 12.2	
			- Map scale and date	✓		Fig 12.2	
			- 100-year floodplain elevations	✓		Fig 12.2	
			- Surface waters and intermittent streams	✓		Fig 12.2	
			- Location of residences	✓			
	30.804(14)		- Meteorological data, including prevailing winds	✓			wind rose
4			- North orientation	✓			

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(4)(a)		- Legal boundaries of facility site	✓		Fig 12-2	
			- Access control	✓		Fig 12-2	
			- Access and internal roads	✓		12-7	
2			- Seismic data		✓		
4			- Buildings and recreation areas	✓			
4		not specified in 30.804(4)(a) →	- Run-off control systems				not provided
4			- Storm, sanitary, and process sewerage systems	✓		Fig 12-2	
4			- Loading and unloading areas	✓			
4			- Fire control facilities				not provided - maybe on another fig 10-1
4			- Barriers for drainage or flood control				although fig 12-2 does show flood zones, are there any other flow control mechanisms on site
4			- Location of past or present operational units and equipment clean-up areas			not provided	↳ but not explicitly asked for in 30.804 (4)(a)
2	30.804(4)(19)		- Maps showing all aspects of facility and associated works, including landscaping			not provided	
3	30.804(4)(c), 30.804(19)(k), 30.804(21)(i), 30.804(22)(b)		- Hydrogeologic study (landfills, land treatment units)		✓		
			- Detailed design drawings, profiles, maps of landfill or land treatment unit		✓		
			- Depth to uppermost aquifer		✓		
			- Topographic contours		✓		
			- Characterization of consolidated and unconsolidated deposits		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(4)(c), 30.804(19)(k), 30.804(21)(i), 30.804(22)(b)		- Detailed geology/hydrology description including		✓		
			- List of available text material and mapping from		✓		
			- DEQE		✓		
			- U.S. Geological Survey		✓		
			- Soil Conservation Service		✓		
			- Massachusetts Water Resources Commission		✓		
			- Other agencies		✓		
			- List of other text material or mapping used to prepare the description		✓		
			- Logs/locations of borings, test pits, wells		✓		
			- Detailed maps and profiles		✓		
			- Scale: 1" = 100'		✓		
			- Streams		✓		
			- Ponds		✓		
			- Groundwater systems		✓		
			- Wells		✓		
			- Description of changes expected to result from facility construction/operation		✓		
			- Topographic contours		✓		
			- Consolidated rock profiles		✓		
			- Groundwater profiles/flow		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(4)(c), 30.804(19)(k), 30.804(21)(i), 30.804(22)(b)		- Description of groundwater flow system		✓		
			- Water quality report		✓		
	30.804(24)		- Specific Information Requirements for Containers				
		30.683, 30.684	- Description of primary containment devices			~~p 5~~	~~not provided~~
			- Dimensions and capacity			~~p 5~~	~~not provided~~
			- Construction materials			"	"
			- Liners			"	"
			- DOT or manufacturers' specifications			p 4-10	
			- Condition (new, used, reclaimed)			p 4-10	It is not clear if they are new, used, or reclaimed
			- Compatibility with waste				not provided
		30.685	- Description of container management practices				
			- Containers stored closed			p 4-4	
1			- Procedures to prevent container rupture, including use of pallets when stacking				30.685(7) addresses aisle spacing see if this was addressed earlier. not addressed. yes, this was asked earlier; drums will be 2 high
	30.804(24)(a)	30.687(2)	- Design drawings, sketches, and description of secondary containment system (containers with free liquids)				
			- Demonstration of structural integrity of base underlying containers, and ability of base to contain spills, leaks, and accumulated precipitation				not provided
			- Description of how containment system design promotes drainage or how containers are kept from contact with free standing liquids				contact with free liquid has not ~~not~~ been discussed for area A

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
1	30.804(24)(a)	30.687(2)	- Discussion/calculations demonstrating sufficient capacity				not provided
			- Indoor storage: greater of 10% of total possible contained volume or volume of largest container				not provided
			- Outdoor storage: greater of 10% of total possible contained volume or 110% of volume of largest container		✓		
3			- Procedures to control run-on or demonstration of sufficient excess capacity to contain run-on from 24-hour/25-year storm		✓		
			- Procedures for removing accumulated liquids		✓		
	30.804(24)(b)	30.687(3)	- Demonstration of exemption from secondary containment requirements (containers without free liquids)		✓		
			- Test procedures/results or documentation/information showing wastes do not contain free liquids		✓		
			- Description of how storage area design promotes drainage and removal of precipitation or how containers are kept from contact with free standing liquids		✓		
2	30.804(25)		- Specific Information Requirements for Tanks				
	30.804(25)(a)1, (a)2, & (a)5	30.692, 30.693(2), 30.695(1)	- Description of tank design and construction				
			- References to design standards or other available information used in tank design and construction	✓		App F	Info is only provided for 1 10,000 gal tank.
			- Description of design specifications including identification of construction and lining materials			App F	manhole designation is not clear

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(25)(a)1, (a)2, & (a)5	30.692, 30.693(2), 30.695(1)	- Seam specifications	___	___	not provided	
			- Foundation specifications	___	___	not provided	
			- Design temperature and pressure	___	___	not provided	
			- Design shell thickness	___	___	p 12-18	
			- Corrosion protection	___	___	p 12-16	some of the tanks are lined
			- Information about tank dimensions, capacity, and actual shell thickness	___	___	p 12-21	
2			- Means to enter new underground tanks for inspection	___	___	___	State discuss applicability with
2	30.804(25)(a)3	30.693(3), 30.694(1) and (3)	- Secondary containment systems	___	___	___	
			- Description and design drawings of secondary containment system	___	___	p 9-5	- is 2° con system a continuous and sufficiently impervious barrier
			- Description of leak detection system (underground tank)	___	✓	___	U.G Tanks not applicable because not
			- Discussion/calculations demonstrating sufficient capacity (above-ground tanks)	___	___	___	
			- Indoor tanks: greater of 10% of total possible contained volume or volume of largest tank	___	___	p 9-5	
			- Outdoor tanks: greater of 10% of total possible contained volume or 110% of volume of largest tank	___	✓	___	
			- Description of procedures for shutting off connection between above-ground tanks	___	___	p 4-2	
			- Description of procedures for expeditious removal of accumulated liquids	___	___	not clear	may be in operating record

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2	30.804(25)(a)4	30.693(9)	- For new underground tanks, a description of	____	____	____	discuss applicability
			- Relationship between the probable high groundwater level and tank bottom	____	____	____	with DEQE
			- Measures to minimize potential tank corrosion/collapse	____	____	____	____
			- Measures to prevent tank flotation	____	____	____	____
	30.804(25)(a)6 and (a)7	30.695(2) and (3)	- Tank operating procedures	____	____	____	____
			- Diagrams of piping, instrumentation, and process flow	____	____	____	not provided
			- Description of feed systems, safety cut-off, bypass systems, pressure controls, and emission controls	____	____	____	____
			- Description of procedures for maintenance of sufficient freeboard	____	____	____	____
2			- Description of tank labelling and marking	____	____	____	____
2	30.804(25)(b)	30.693(4) and (7)	- Existing underground tank testing and inventory control program	____	____	____	discuss applicability
			- Tank leakage test procedures/results	____	____	____	with DEQE
			- Certification by qualified professional engineer	____	____	____	____
			- Explanation of inventory control program	____	____	____	____
			- Proposed statistical significance test	____	____	____	____
			- Procedures for responding to statistically significant gain or loss	____	____	____	____
			- Reconciling discrepancy	____	____	____	____
			- Notifying the Department	____	____	____	____

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2	30.804(25)(c)	30.694(2) and (3)	- Alternative secondary containment for existing above-ground tanks				
			- Demonstration of volume/type of secondary containment approved by local sewer use authority		✓		
			- Demonstration of infeasibility of secondary containment volume		✓		
			- Compliance schedule		✓		
			- Safeguards in lieu of secondary containment volume		✓		
			- Procedures for expeditious removal of accumulated liquids				check out inspection sched. not addressed
2		30.693(8)	- Demonstration that there are no feasible alternatives to storage/treatment of acutely hazardous wastes in underground tank		✓	→ if not an UG Tank	
	30.804(18)		- Specific Information Requirements for Surface Impoundments		✓		
	30.804(18)(a)		- List of hazardous wastes placed or to be placed in impoundment		✓		
2		30.618	- Demonstration that impoundment qualifies for waiver of 310 CMR 30.610 and 30.660 as stand-by impoundment		✓		
1	30.804(18)(b)	30.612, 30.613	- Detailed plans and an engineering report describing		✓		
	30.804(18)(b)1	30.612(1), 30.613(1)	- Liner system construction		✓		
		30.612(1)(a)	- Hydraulic conductivity		✓		
		30.612(1)(b)	- Material of construction		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
			- Chemical properties	___	✓		
			- Physical strength	___	✓		
			- Thickness	___	✓		
		30.612(1)(c)	- Foundation design/integrity	___	✓		
2			- Subgrade preparation	___	✓		
		30.612(1)(d)	- Area covered	___	✓		
		30.612(4)	- Energy dissipation	___	✓		
		30.612(1)(b)	- Liner system integrity against	___	✓		
			- Internal and external pressure gradients	___	✓		
			- Contact with waste/leachate	___	✓		
			- Climatic conditions	___	✓		
2			- Exposure to ultraviolet light, ozone, microbes	___	✓		
	30.804(18)(b)1	30.612(1)(b)	- Installation stresses	___	✓		
			- Daily operational stresses	___	✓		
3	30.804(18)(b)1	30.612(3)	- Leak detection, collection, and removal system	___	✓		
			- Leakage removal	___	✓		
			- Department notification	___	✓		
			- Liner repair or replacement	___	✓		
2		30.612(2)	- Elevation of probable high ground-water level (new only)	___	✓		
			- Four feet below bottom liner	___	✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2		30.612(2)	- Artificially lowering ground-water table		✓		
2		30.613(1) and (2)	- Schedule for liner and leak detection system installation or closure (existing unlined or single-lined impoundments)		✓		
2		30.613(4)	- Liner and leak detection system waiver justification (existing portions only)		✓		
			- Demonstration that waste treated/ stored/disposed is only corrosive		✓		
			- Demonstration that treatment/ storage/disposal presents no potential human health/environment hazards		✓		
			- Data regarding		✓		
			- Neutralization rate		✓		
			- Leaching potential		✓		
			- Other hazardous materials/ constituents present		✓		
			- Liner system exemption including		✓		
4			- Nature and quantity of wastes		✓		
			- Alternative design and operation		✓		
			- Impoundment location description		✓		
			- Hydrogeologic setting		✓		
			- Attenuative capacity of materials between impoundment and ground-water and surface water		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
4			- Documentation of no migration to ground/surface waters at any future time		✓		
	30.804(18)(b)2	30.612(5)	- Procedures/equipment to prevent overtopping from:		✓		
			- Normal operation		✓		
			- Abnormal operation		✓		
			- Overfilling		✓		
			- Wind/wave action		✓		
			- Precipitation		✓		
			- Run-on		✓		
			- Equipment malfunctions		✓		
			- Human error		✓		
2	30.804(18)(b)2	30.612(6)	- Procedures/equipment to maintain 2 feet of freeboard considering precipitation/evaporation differences		✓		
2	30.804(18)(b)3	30.612(7)	- Procedures/equipment to shut off flow into the impoundment in an emergency		✓		
2	30.804(18)(b)4	30.612(8)	- Procedures/equipment for run-on diversion		✓		
			- Capacity to handle run-on from 24-hour/100-year storm		✓		
3	30.804(18)(b)5	30.612(9)	- Design of dikes and measures for maintaining their structural integrity		✓		
			- Perennial woody plant and burrowing animal prevention		✓		
			- Protective cover		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
4, 1			- Documentation for Part 264, Subpart F exemption including		✓		
			- Impoundment and liner location above seasonal high water table		✓		
			- Two liners meeting §264.221(a) requirements		✓		
			- Leak detection system between liners		✓		
2	30.804(18)(c)	30.614(6)	- Demonstration of waste/liner compatibility		✓		
			- Documentation of field/laboratory tests		✓		
			- Demonstration of no detrimental effect on liner materials		✓		
2	30.804(18)(g)		- Description and listing of all procedures/equipment used to clean/expose liner surface		✓		
	30.804(20)		- Specific Information Requirements for Waste Piles		✓		
	30.804(20)(a)		- List of hazardous wastes placed or to be placed in each waste pile		✓		
	30.804(20)(b)	30.640(4)	- Documentation of general exemption from 30.641 and 30.660 including		✓		
			- Waste pile protection from precipitation		✓		
			- Procedures for insuring liquids are not placed in pile		✓		
			- Description of run-on controls		✓		
			- Description of wind dispersal controls other than wetting		✓		
			- Decomposition/reactions do not cause leachate generation		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(20)(c)	30.641(1)	- Detailed plans and an engineering report describing		✓		
1	30.804(20)(c)1	30.641(1)(a)	- Liner system construction		✓		
			- Material of construction		✓		
			- Chemical properties		✓		
			- Physical strength		✓		
			- Thickness		✓		
			- Foundation design/integrity		✓		
2		30.641(1)(a)3	- Subgrade preparation		✓		
			- Area covered		✓		
1		30.641(1)(a)2	- Liner system integrity against		✓		
			- Internal and external pressure gradients		✓		
			- Contact with waste/leachate		✓		
			- Climatic conditions		✓		
			- Installation stresses		✓		
			- Daily operational stresses		✓		
2	30.804(20)(c)1	30.641(1)(a)1	- Liner system relationship to probable high groundwater level		✓		
	30.804(20)(c)2	30.641(1)(b)	- Leachate collection and removal system to maintain less than one foot of leachate on liner including		✓		
			- Materials of construction		✓		
			- Chemical resistance to waste/leachate		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(20)(c)2	30.641(1)(b)	- Strength and thickness sufficient to prevent collapse		✓		
			- Provisions to prevent clogging		✓		
4			- Liner system/leachate system exemption including		✓		
			- Nature and quantity of wastes		✓		
			- Alternative design and operation		✓		
			- Pile location description		✓		
			- Hydrogeologic setting		✓		
			- Attenuative capacity of materials between pile, ground and surface waters		✓		
			- Documentation of no migration to ground/surface waters at any future time		✓		
1	30.804(20)(c)3	30.641(2)	- System for control of run-on from peak discharge of a 100-year storm				
1	30.804(20)(c)4	30.641(3)	- System for control of run-off water volume of a 24-hour, 100-year storm				
	30.804(20)(c)5	30.641(4)	- Procedures to manage collection and holding facilities associated with run-on and run-off control systems				
	30.804(20)(c)6	30.641(5)	- Wind dispersal control procedures				
4, 1			- Documentation for Part 264, Subpart F exemption including				
			- Pile and liners above seasonal high water table		✓		
			- Two liners meeting requirements of §264.251(a)(1)		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
4			- Leak detection system between liners		✓		
			- Leachate system meeting §264.251(a)(2) requirements		✓		
4			- Documentation for Part 264, Subpart F exemption including		✓		
			- Pile and liners above seasonal high water table		✓		
			- Liner meets §264.251(a)(1) requirements		✓		
			- Soil characteristics/depths		✓		
			- Leachate system meets §264.251(a)(2) requirements		✓		
			- Schedule/procedures for liner inspection by waste removal		✓		
			- Sufficient liner strength/thickness to allow periodic removal/replacement of wastes		✓		
1	30.804(20)(d)	30.642(2)	- Detailed plans and an engineering report describing		✓		
			- Location of bottom liner relative to probable high groundwater level		✓		
		30.642(2)(b), 30.641(1)(a)	- Liner system construction		✓		
			- Material of construction		✓		
			- Chemical properties		✓		
			- Physical strength/thickness		✓		
			- Foundation design/integrity		✓		
			- Subgrade preparation		✓		
			- Area covered		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(20)(d)		- Liner system integrity against		✓		
			- Internal and external pressure gradients		✓		
			- Contact with waste/leachate		✓		
			- Climatic conditions		✓		
			- Installation stresses		✓		
			- Daily operational stresses		✓		
	30.804(20)(d)	30.642(2)(c)	- Leak detection, collection, and removal system		✓		
		30.642(2)(d), 30.641(1)(b)	- Leachate collection and removal system above top liner to maintain less than one foot of leachate		✓		
			- Materials of construction		✓		
			- Chemical resistance to waste/ leachate		✓		
			- Strength and thickness sufficient to prevent collapse		✓		
			- Clogging prevention		✓		
			- Impracticability of meeting 30.643 inspection requirements		✓		
2	30.804(20)(g)	30.645	- Demonstration of waste/liner compatibility		✓		
			- Documentation of field/laboratory tests		✓		
			- Demonstration of no detrimental effect on liner materials		✓		
	30.804(20)(h)		- Description of treatment carried out in or on the pile including		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(20)(h)		- Details of treatment process		✓		
			- Equipment used		✓		
			- Nature and quality of residuals		✓		
	30.804(21) and (22)		- Specific Information Requirements for Land Treatment Facilities		✓		
	30.804(21)(a)	30.653(2)	- Description of treatment demonstration plans by mandatory field test with optional supplemental laboratory analysis or other data		✓		
4			- Operating data (existing units only)		✓		
			- Submittal for laboratory analyses or field test demonstration permit including		✓		
		30.653(3)	- Documentation of accurate simulation		✓		
			- Wastes and hazardous constituents descriptions		✓		
			- Climatologic information		✓		
			- Topographical data		✓		
			- Soil characteristics		✓		
			- Operating practices		✓		
			- Type of test to be conducted		✓		
			- Test materials and methods		✓		
			- Expected completion time		✓		
2	30.804(21)(f), 30.804(22)(b)		- Description of treatment zone soil		✓		
			- Soil texture		✓		
			- Soil pH		✓		
			- Cation exchange capacity of soil		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2	30.804(21)(g), 30.804(22)(b)		- Prediction and approximate quantification of any hazardous waste decomposition by-products expected to be produced		✓		
2	30.804(21)(h), 30.804(22)(b)		- Description of quantities/destination of all soils or vegetation removed from site		✓		
	30.804(21)(a)		- Statement on appropriateness of demonstration		✓		
			- Demonstration of human health and environment protection considering		✓		
			- Characteristics of wastes to be tested		✓		
			- Operating and monitoring during tests		✓		
			- Duration of test		✓		
			- Volume of waste used in test		✓		
			- Potential for hazardous waste migration to ground/surface waters (field tests only)		✓		
2		30.653(4)	- Certification and data submission		✓		
	30.804(21)(b), 30.804(22)(a) and (b)	30.652(1)	- Description of land treatment program		✓		
			- Results of land treatment demonstration		✓		
			- Wastes to be land treated		✓		
3	30.804(21)(b)2	30.654(2), 30.658	- Design measures and operating practices to maximize treatment including		✓		
			- Waste application method and rate		✓		
			- Annual rate limiting constituent		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(21(b)2	30.654(2), 30.658	- Single application limiting constituent		✓		
			- Soil capacity limiting constituent		✓		
			- Determining factors		✓		
			- Hazardous constituents volatilization potential		✓		
			- Hazardous constituents migration prevention		✓		
			- Treatment zone ability to treat hazardous constituents		✓		
			- Soil characteristics		✓		
			- Run-off potential		✓		
			- Climatic conditions		✓		
			- Toxic effects of waste		✓		
			- Odor potential		✓		
			- Long-term anoxic conditions		✓		
			- Soil pH control measures		✓		
			- Microbial/chemical reaction enhancements		✓		
			- Treatment zone moisture control measures		✓		
3			- Treatment zone capacity				
	30.804(21)(b)3	30.655(1) through (6)	- Unsaturated zone monitoring procedures including		✓		
			- List of and rationale for selecting compounds to be monitored		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(21)(b)3	30.655(1) through (6)	- Sampling equipment, procedures, frequency		✓		
			- Procedures for selecting sampling locations		✓		
			- Sample collection procedures		✓		
			- Sample preservation/shipment procedures		✓		
			- Sample chain of custody control		✓		
			- Sample analysis procedures		✓		
			- Background value determination procedures		✓		
			- Statistical methods description		✓		
	30.804(21)(b)4	30.652(2)	- List of hazardous constituents expected to be in, or derived from, wastes to be land treated		✓		
2	30.804(21)(f), 30.804(22)(b)		- Description of treatment zone soil		✓		
			- Soil texture		✓		
			- Soil pH		✓		
			- Cation exchange capacity of soil		✓		
2	30.804(21)(g), 30.804(22)(b)		- Prediction and approximate quantification of any hazardous waste decomposition by-products expected to be produced		✓		
2	30.804(21)(h), 30.804(22)(b)		- Description of quantities/destination of all soils or vegetation removed from site		✓		
	30.804(21)(b)5	30.652(3)	- The proposed vertical and horizontal dimensions of the treatment zone with maximum depth of		✓		
			- No more than 5 feet from the initial soil surface		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
1	30.804(21(b)5		- At least 4 feet above the probable high groundwater level		✓		
	30.804(21)(c), 30.804(22)(b)	30.654(3) through (9)	- Description of land treatment unit design		✓		
2			- Demonstration that hazardous waste will not be applied to frozen, snow- or ice-covered, or saturated soil		✓		
2			- Demonstration that hazardous waste will not be applied during rainfall		✓		
2			- Demonstration that slope of land is less than 4%		✓		
1			- Procedures/equipment to prevent run-on from peak discharge of 100-year storm		✓		
1			- Procedures/equipment to collect and control the run-off water volume from a 24-hour, 100-year storm		✓		
			- Procedures/equipment to minimize run-off from treatment zone during active life		✓		
			- Run-on and run-off collection and control systems management plan		✓		
			- Procedures/equipment for wind dispersal control		✓		
4, 1		30.654(11)	- Documentation of request for growth of food chain crops on treatment zone not receiving cadmium in wastes		✓		
4, 1			- Statement that demonstration of no risk to human health will be conducted by		✓		
			- Field tests		✓		
			- Greenhouse studies		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
			- Available data		✓		
			- Operating data (existing only)		✓		
			- Demonstration program description, including		✓		
			- Soil pH		✓		
			- Cation exchange capacity of soil		✓		
			- Specific wastes to be applied		✓		
			- Waste application rates		✓		
			- Waste application methods		✓		
			- Identification of demonstration crops		✓		
			- Planting and growth procedures		✓		
			- Characteristics of crop		✓		
			- Sample selection criteria		✓		
			- Sample collection procedure		✓		
			- Sample size		✓		
			- Analyses methods		✓		
			- Statistical data evaluation procedures		✓		
			- Identification of comparison crops		✓		
			- Characteristics of crop		✓		
			- Planting and growth procedures		✓		
			- Conditions of growth		✓		
			- Sample selection criteria		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
			- Sample collection procedures		✓		
			- Sample size		✓		
			- Analyses methods		✓		
			- Statistical data evaluation procedures		✓		
			- Request for a permit to conduct demonstration program		✓		
4, 1		30.654(11)	- Documentation of request for growth of food chain crops on treatment zone if wastes contain cadmium		✓		
			- Cadmium concentration in waste		✓		
			- Soil pH				
			- Annual application of cadmium in kilograms per hectane		✓		
			- Soil cation exchange capacity		✓		
			- Identification of animal feeds to be grown		✓		
			- Plan to prevent animal feed ingestion by humans		✓		
			- Documentation of notice on deed		✓		
	30.804(19)		- Specific Information Requirements for Landfills		✓		
	30.804(19)(a)		- List of hazardous wastes to be placed in each landfill or landfill cell		✓		
1		30.631	- Exclusion of prohibited wastes		✓		
			- Sludge/solid containing halogenated organic compounds in concentrations greater than 100 mg/kg		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(19)(a)		- Cyanide-bearing waste		✓		
			- Acutely hazardous waste		✓		
			- Justification for waiver of exclusion		✓		
			- Alternative recycling/treatment/disposal unavailable		✓		
			- No significant risk to public health, safety or welfare or environment		✓		
			- Contaminated soil		✓		
			- Spill clean-up material		✓		
1	30.804(19)(b)	30.622	- Detailed plans and an engineering report describing		✓		
	30.804(19)(b)2	30.622(1) and (3)	- Liner system construction		✓		
			- Material of construction		✓		
2			- Hydraulic conductivity		✓		
			- Chemical properties		✓		
			- Physical strength		✓		
			- Thickness		✓		
			- Foundation design/integrity		✓		
2			- Subgrade preparation		✓		
			- Area covered		✓		
			- Liner system integrity against		✓		
			- Internal and external pressure gradients		✓		
			- Contact with waste/leachate		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
			- Climatic conditions		✓		
2			- Exposure to ozone, ultraviolet light, microbes		✓		
			- Installation stresses		✓		
			- Daily operational stresses		✓		
2	30.804(19)(b)1	30.622(2)	- Location of probable high groundwater level in relation to liners		✓		
			- Proximity to bottom liner		✓		
			- Artificial lowering of groundwater table		✓	✓	
2	30.804(19)(b)2	30.622(3)	- Leak detection, collection and removal system		✓		
			- Procedures to prevent accumulation		✓		
			- Notification procedures		✓		
	30.804(19)(b)2	30.622(4)	- Leachate collection and removal system to maintain less than one foot of leachate on liner including		✓		
			- Materials of construction		✓		
			- Chemical resistance to waste/ leachate		✓		
			- Sufficient strength/thickness to prevent collapse		✓		
			- Provisions to prevent clogging		✓		
4			- Liner system/leachate system exemption including		✓		
			- Nature and quantity of wastes		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
4			- Alternative design and operation		✓		
			- Landfill location description		✓		
			- Hydrogeologic setting		✓		
			- Attenuative capacity of materials between landfill and ground and surface waters		✓		
			- Documentation of no migration to ground/surface waters at any future time		✓		
1	30.804(19)(b)4	30.622(5)	- System for control of run-on from peak discharge of a 100-year storm		✓		
1	30.804(19)(b)5	30.622(6) and (11)	- System for control of run-off water volume from a 24-hour, 100-year storm and from landfill		✓		
	30.804(19)(b)6	30.622(7)	- Procedures to manage collection and holding facilities associated with run-on and run-off control systems		✓		
	30.804(19)(b)7	30.622(8)	- Wind dispersal control procedures		✓		
2	30.804(19)(b)8	30.622(9)	- Gas migration/emission control systems		✓		
2	30.804(19)(b)9		- Leachate treatment/disposal systems		✓		
2		30.622(10)	- Access roads		✓		
1	30.804(19)(c)	30.623	- Demonstration of waste/liner compatibility by		✓		
			- Field/laboratory tests		✓		
			- Historical data		✓		
			- Scientific and technical literature		✓		
2	30.804(19)(j)		- Indication of maximum depth of fill of wastes for any landfill portion		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
2		30.625	- Contract with independent Massachusetts registered professional engineer		✓		
			- Site preparation supervision/inspection		✓		
			- Periodic operations inspections		✓		
			- Written inspection reports		✓		
			- Notification of deviations		✓		
2	30.804(19)(e)	30.626	- Surveying and recordkeeping map		✓		
			- Cell location and dimensions		✓		
			- Cell contents		✓		
			- Approximate location of waste types within cells		✓		
4, 1			- Documentation for Part 264, Subpart F exemption including,		✓		
			- Landfill and liners above seasonal high water table		✓		
			- Two liners meeting requirements of §264.301(a)(1)		✓		
			- Leak detection system between liners		✓		
4, 1			- Leachate system meeting §264.301(a)(2) requirements		✓		
4, 1		30.629	- Documentation of procedures/equipment for landfilling liquid wastes		✓		
1	30.804(19)(g)	30.630	- Documentation of procedures/equipment for landfilling containers and preventing disposal of labpacks		✓		
2	30.804(19)(h)	30.632(1)	- Stabilization/solidification plan		✓		
			- List of wastes to be stabilized/solidified at landfill site		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(19)(h)	30.632(1)	- Techniques for limiting solubility and migration potential by		✓		
			- Addition of materials		✓		
			- Production of monolithic blocks		✓		
			- Placing jacket/membrane between waste and landfill		✓		
			- Means for insuring waste solidification/stabilization prior to receipt at landfill		✓		
			- Chemical/physical properties		✓		
			- Quality assurance program		✓		
	30.804(23)	30.660	- Protection of Groundwater Information Requirements for Surface Impoundments, Waste Piles, Land Treatment Units, and Landfills		✓		
	30.804(23)(a)		- Interim status period groundwater monitoring data summary		✓		
	30.804(23)(b)		- Identification of uppermost and hydraulically interconnected aquifers under facility including		✓		
			- Water flow rate and direction		✓		
			- Bases for identification		✓		
	30.804(23)(c), 30.804(4)(a)		- Topographic Map		✓		
			- Delineation of property boundary		✓		
		30.669(2)	- Delineation of waste management area		✓		
		30.669(1)	- Delineation of proposed point of compliance		✓		
			- Groundwater monitoring well locations		✓		
			- Location of aquifers		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(23)(d)		- Descriptions of existing contamination		✓		
			- Delineation of plume extent		✓		
			- Hazardous constituents concentrations		✓		
			- Concentrations throughout plume		✓		
			- Maximum concentrations in plume		✓		
	30.804(23)(e)	30.663	- Detailed plans and an engineering report of Groundwater Monitoring Program		✓		
		30.663(1)	- Description of wells		✓		
			- Number of wells		✓		
			- Locations		✓		
			- Depths		✓		
			- Assurance of unaffected background water measurement		✓		
			- Assurance of compliance point groundwater measurement		✓		
1		30.663(3)(a) through (f)	- Casing description		✓		
			- Inside diameter		✓		
			- Material of construction		✓		
			- PVC casing joining method		✓		
			- Casing screening/perforation		✓		
			- Protective casing		✓		
			- Boring techniques to obtain representative soil samples at five foot intervals		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.663(4)	- Description of sampling/analysis procedures		✓		
			- Sample collection methods		✓		
			- Sample preservation/shipment		✓		
			- Analytical procedures		✓		
			- Chain of custody control		✓		
		30.663(5)	- Documentation of proper/adequate analytical procedures		✓		
		30.663(6)	- Procedure for determination of groundwater elevation with each sample		✓		
3		30.663(6)	- Procedure for plotting groundwater surface elevation data		✓		
3		30.663(9)	- Demonstration that water quality parameter information from each sampling point will be compiled in tabular/graphic form annually		✓		
3	30.804(23)(f)	30.662(1)(d), 30.664	- Description of Detection Monitoring Program including		✓		
	30.804(23)(f)1	30.664(1)	- List of indicator parameters, waste constituents, reaction products to be monitored for, including		✓		
			- Type, quantities, concentrations expected in wastes		✓		
			- Mobility, stability, persistence in unsaturated zone		✓		
			- Detectability in groundwater		✓		
	30.804(23)(f)3	30.664(1)(d) and (3)(a)	- Background groundwater concentration values and coefficients of variation established by		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.664(3)(c)	- Use of an appropriate groundwater monitoring system, and		✓		
		30.663(7)(a)	- Quarterly sampling of upgradient wells for one year, or		✓		
		30.663(7)(c)	- Quarterly sampling of other wells for one year, and		✓		
		30.663(7)(d)	- Data from a minimum of one sample/ well and minimum of four samples per quarter, or		✓		
			- Presentation of procedures to calculate such values		✓		
	30.804(23)(f)2	30.664(2)	- Description of an appropriate groundwater monitoring system to be installed at the compliance point		✓		
	30.804(23)(f)4	30.664(4)	- Procedures for collecting semi-annual groundwater samples at the compliance point during		✓		
			- Active life		✓		
			- Closure period		✓		
			- Post-closure period		✓		
		30.664(5)	- Procedure for annual determination of uppermost aquifer flow rate and direction		✓		
		30.664(6), 30.663(4) and (5)	- Documentation of sample collection and analysis procedures		✓		
		30.664(7)	- Procedure for determining a statistically significant difference for any monitored parameter or constituent by		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
			- Comparing compliance point data to background value data using the procedures in 30.663(8)(a) or (b)		✓		
1			- Determining whether there has been a difference within 60 days after sampling completion		✓		
		30.664(8)	- Procedure to be implemented if a statistically significant difference in any constituent or parameter is identified at any compliance point monitoring well, including		✓		
3		30.664(8)(a)	- Notification to Department		✓		
		30.664(8)(b)	- Sample collection and analysis methods for all 30.160 hazardous constituents at all monitoring wells		✓		
		30.664(8)(c)	- Method for establishing hazardous constituent background values		✓		
		30.664(8)(d)	- Preparation of an application for permit modification to establish compliance monitoring		✓		
		30.664(8)(e)	- Submission of ACL data and corrective action engineering feasibility plan		✓		
		30.664(9)	- Procedure for demonstrating that other source caused the difference, or		✓		
			- Procedure for demonstrating that difference resulted from sampling/analysis/evaluation error		✓		
	30.804(23)(g)	30.662(1)(a), 30.671	- Description of Compliance Monitoring Program, including		✓		
	30.804(23)(g)1		- List of wastes previously handled at facility		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(23)(g)2		- Characterization of contaminated groundwater		✓		
			- Hazardous constituents identified		✓		
			- Hazardous constituents concentrations		✓		
		30.671(2)	- Description of compliance monitoring system at the compliance point		✓		
	30.804(23)(g)3	30.666	- List of hazardous constituents to be compliance monitored		✓		
		30.670	- Proposed compliance period		✓		
		30.671(4)	- Procedure for collecting quarterly samples at compliance point during compliance period		✓		
		30.671(3)(c)	- Procedures for establishing background concentration values for constituents that are based on		✓		
			- Use of an appropriate groundwater monitoring system, and		✓		
		30.663(7)(b) and (7)(d)	- Data that is available prior to permit issuance		✓		
			- Data that accounts for measurement errors in sampling and analysis		✓		
			- Data that accounts for seasonal groundwater quality fluctuations		✓		
			- Data from a minimum of one sample per well and a minimum of four samples from monitoring system, each time system is sampled		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
	30.804(23)(g)4	30.665, 30.671(3)(a) and (3)(b)	- Proposed concentration limits for constituents with justification based on		✓		
			- 30.667(1)(a) and 30.663(7)		✓		
			- 30.667(1)(b) and 30.668		✓		
			- 30.667(1)(c), 30.667(2), and 30.671(3)(a)		✓		
		30.671(5)	- Procedure for annual determination of uppermost aquifer flow rate and direction		✓		
		30.671(6)	- Procedures for annual testing of all compliance point wells for hazardous constituents		✓		
	30.804(23)(g)6	30.671(7), 30.663(4) and (5)	- Documentation of all sampling and analysis procedures		✓		
		30.671(8)	- Procedures for determining a statistically significant difference for any monitored constituent by		✓		
			- Comparing compliance point data to the concentration limit using the procedure in 30.663(8)(b)		✓		
1			- Determining whether there has been a difference within 60 days		✓		
		30.671(9)	- Procedures to be implemented if the groundwater protection standard is exceeded at any compliance point monitoring well, including		✓		
3		30.671(9)(a)	- Notification to Department		✓		
		30.671(9)(b)	- Preparation of an application for permit modification to establish a corrective action program, including		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
		30.671(9)(b)1	- Details of program to comply with groundwater protection standard		✓		
	30.804(23)(g)5	30.671(9)(b)2	- Details of groundwater monitoring to demonstrate effectiveness of program		✓		
		30.671(10)	- Procedure for demonstrating that other source caused the difference, or		✓		
			- Procedure for demonstrating that difference resulted from sampling/ analysis/evaluation error		✓		
	30.804(23)(h)	30.662(1)(b) and (1)(c), 30.672	- Description of Corrective Action Program, including		✓		
	30.804(23)(h)1		- Characterization of contaminated groundwater		✓		
		30.672(1)(a), 30.666	- Identified hazardous constituents		✓		
			- Concentrations of hazardous constituents		✓		
	30.804(23)(h)2	30.672(1)(b)	- Concentration limit for each hazardous constituent		✓		
	30.804(23)(h)3	30.672(2)	- Detailed plan and an engineering report describing the corrective actions to be taken at the compliance point		✓		
		30.672(3)	- Time period necessary to implement corrective action program		✓		
	30.804(23)(h)4	30.672(4)	- Description of groundwater monitoring program that will be sufficient to assess the adequacy of corrective action		✓		
		30.672(5)	- Description of the correction action to be taken for constituents in groundwater between compliance point and downgradient facility boundary		✓		

Notes	License Application Requirements	Facility Standard	Subject Requirement	Provided	Not Applicable	Location in Application	Comments
3		30.672(6)	- Description of the corrective action to be taken for constituents in groundwater beyond the downgradient property boundary, including notification of owners of abutting property				
		30.672(8)	- Procedure and content for semi-annually submitting written reports to the Department on program effectiveness				
			Facility Application Certification and Signature				
		30.009(1)	- Certification paragraph				not provided
		30.807	- Appropriate signatory				"